

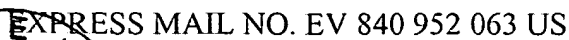
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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))				Docket No. 16497.1.1.4	
In Re Application Of: Michael T. Carley, et al.					
Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/616,832	07/09/2003	DAVIS, DANIEL J	057360	3731	2679
Title: CLOSURE DEVICE AND METHODS FOR MAKING AND USING THEM					
<p>Address to: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p> <p>37 CFR 1.97(b)</p> <p>1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p>37 CFR 1.97(c)</p> <p>2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <p><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p> <p>OR</p> <p><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p>					

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)				Docket No.	
Applicant(s): Michael T. Carley et al.				16497.1.1.4	
Application No. 10/616,832	Filing Date 07/09/2003	Examiner DAVIS, DANIEL J	Customer No. 057360	Group Art Unit 3731	
Invention: CLOSURE DEVICE AND METHOD FOR MAKING AND USING THEM					
<p>I hereby certify that the following correspondence:</p> <div><p>Information Disclosure Statement Transmittal Letter (2 pgs, in duplicate); Information Disclosure Statement (2 pgs); PTO-1449 Information Disclosure Citation (5 pgs); Legible Copies of Seven (7) Cited References; postcard; and Certificate of Express Mailing Label No. EV 840 952 063 US.</p><p><i>(Identify type of correspondence)</i></p><p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p><p><u>February 23, 2006</u> <i>(Date)</i></p><div><p>Kelli Clark <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p><i>(Signature of Person Mailing Correspondence)</i></p><p>EV 840 952 063 US <i>("Express Mail" Mailing Label Number)</i></p></div></div>					
<p>Note: Each paper must have its own certificate of mailing.</p>					

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10/616,832	07/09/2003	DAVIS, DANIEL J	057360	3731	2679	
Title: CLOSURE DEVICE AND METHODS FOR MAKING AND USING THEM						
<div style="text-align: center;">Payment of Fee (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))</div> <div style="margin-top: 10px;"><input type="checkbox"/> A check in the amount of _____ is attached.</div> <div style="margin-top: 5px;"><input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>23-3178</u> as described below.</div> <div style="margin-left: 40px; margin-top: 5px;"><input type="checkbox"/> Charge the amount of _____</div> <div style="margin-left: 40px; margin-top: 5px;"><input checked="" type="checkbox"/> Credit any overpayment.</div> <div style="margin-left: 40px; margin-top: 5px;"><input checked="" type="checkbox"/> Charge any additional fee required.</div> <div style="margin-top: 10px;"><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</div> <div style="margin-top: 5px;">WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"><div style="width: 45%;"><div style="text-align: center; margin-bottom: 5px;">Certificate of Transmission by Facsimile*</div><div style="border: 1px solid black; padding: 5px; min-height: 150px;"><div style="font-size: 2em; position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); pointer-events: none;">/</div><div style="margin-top: 10px;">I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fa</div><div style="margin-top: 20px; border-top: 1px solid black; padding-top: 5px;">(Date)</div><div style="margin-top: 20px; border-top: 1px solid black; padding-top: 5px; text-align: center;">Signature</div><div style="margin-top: 20px; border-top: 1px solid black; padding-top: 5px; text-align: center;">Typed or Printed Name of Person Signing Certificate</div></div></div><div style="width: 45%;"><div style="text-align: center; margin-bottom: 5px;">Certificate of Mailing by First Class Mail</div><div style="border: 1px solid black; padding: 5px; min-height: 150px;"><div style="font-size: 2em; position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); pointer-events: none;">/</div><div style="margin-top: 10px;">I hereby certify that this correspondence is being deposited, with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on</div><div style="margin-top: 20px; border-top: 1px solid black; padding-top: 5px;">(Date)</div><div style="margin-top: 20px; border-top: 1px solid black; padding-top: 5px; text-align: center;">Signature of Person Mailing Correspondence</div><div style="margin-top: 20px; border-top: 1px solid black; padding-top: 5px; text-align: center;">Typed or Printed Name of Person Mailing Certificate</div></div></div></div> <div style="margin-top: 20px;"><div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><p>*This certificate may only be used if paying by deposit account.</p><div style="text-align: center; margin-top: 10px;"> _____ Signature</div></div><div style="width: 45%; text-align: right;"><p>Dated: February <u>23</u>, 2006</p></div></div></div> <div style="margin-top: 20px;"><p>FRASER D. ROY Attorney for Applicants Registration No. 45,666 Customer No. 057360</p></div>						
CC:						



Docket No: 16497.1.1.4

In re application of

Michael T. Carley et al.

Serial No.: 10/616,832

Confirmation No.: 2679

Filed: July 9, 2003

For: CLOSURE DEVICE AND METHODS FOR MAKING AND USING THEM

Examiner: Daniel J. Davis

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which

the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

Statement of Relevance of References Listed
Unaccompanied by English Translation
Under 37 C.F.R. § 1.98(a)(3)

In accordance with 37 C.F.R. § 1.98(a)(3), the following concise explanation of the relevance of each listed reference that is not in the English language and unaccompanied by a translation into English is provided:

French Patent No. FR2722975, Published 1996-02-02: SURGICAL IMPLANT FOR FASTENING LIGAMENT AGAINST BONE SURFACE. The fastener has a W-shaped body defining a series of five-arm sections. A central vertical arm (1) is linked to a pair of upwardly-inclined outer arms (2,3) by intermediate arms (4,5), the outer and intermediate arm portions meeting at acute-angled bends (7,8). The central arm has a longitudinal through passage whose upper opening (11) is higher than the ends (9,10) of the two outer arm portions. The lower opening (12) of the through passage is flush with the lower surface of the junction between the two intermediate arm portions. The fastener is formed of a biocompatible shape-memory material, which has a martensitic transformation temperature below the temperature of the human body.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the required references or relevant portion thereof is also enclosed.

Dated this 23 day of February, 2006.

Respectfully submitted,



FRASER D. ROY
Attorney for Applicants
Registration No. 45,666
Customer No. 057360

Applicant: Michael T. Carley et al.

Serial No.: 10/616,832

Att'y Docket No.: 16497.1.1.4

Filing Date: July 9, 2003

Group: 1762

For: CLOSURE DEVICE AND METHODS FOR MAKING AND USING THEM

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANTU.S. Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
___ 1	3,604,425	09/14/1971	LeRoy
___ 2	3,757,629	09/11/1973	Schneider
___ 3	3,805,337	04/23/1974	Branstetter
___ 4	4,217,902	08/19/1980	March
___ 5	4,396,139	08/02/1983	Hall et al.
___ 6	4,485,816	12/04/1984	Krumme
___ 7	4,505,274	03/19/1985	Speelman
___ 8	4,586,503	05/06/1986	Kirsch et al.
___ 9	6,665,906	05/19/1987	Jervis
___ 10	4,777,950	10/18/1988	Kees, Jr.
___ 11	4,860,746	08/29/1989	Yoon
___ 12	4,865,026	09/12/1989	Barrett
___ 13	4,917,087	04/17/1990	Walsh et al.
___ 14	4,950,258	08/21/1990	Kawai et al.

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant: Michael T. Carley et al.

Serial No.: 10/616,832

Att'y Docket No.: 16497.1.1.4

Filing Date: July 9, 2003

Group: 3731

For: CLOSURE DEVICE AND METHODS FOR MAKING AND USING THEM

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANTU.S. Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____ 1	3,604,425	09/14/1971	LeRoy
____ 2	3,757,629	09/11/1973	Schneider
____ 3	3,805,337	04/23/1974	Branstetter
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____ 9	6,665,906	05/19/1987	Jervis
____ 10	4,777,950	10/18/1988	Kees, Jr.
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Applicant: Michael T. Carley et al.

Serial No.: 10/616,832

Att'y Docket No.: 16497.1.1.4

Filing Date: July 9, 2003

Group: 3731

For: CLOSURE DEVICE AND METHODS FOR MAKING AND USING THEM

_____ 15	5,007,921	04/16/1991	Brown
_____ 16	5,026,390	06/25/1991	Brown
_____ 17	5,053,008	10/01/1991	Bajaj
_____ 18	5,108,420	04/28/1992	Marks
_____ 19	5,156,609	10/20/1992	Nakao et al.
_____ 20	5,176,648	01/05/1993	Holmes et al.
_____ 21	5,192,302	03/09/1993	Kensey et al.
_____ 22	5,222,974	06/29/1993	Kensey et al.
_____ 23	5,304,184	04/19/1994	Hathaway et al.
_____ 24	5,334,217	08/02/1994	Das
_____ 25	5,366,458	11/22/1994	Korthoff et al.
_____ 26	5,478,354	12/26/1995	Tovey et al.
_____ 27	5,527,322	06/18/1996	Klein et al.
_____ 28	5,674,231	10/07/1997	Green et al.
_____ 29	5,683,405	11/04/1997	Yacoubian et al.
_____ 30	5,695,505	12/09/1997	Yoon
_____ 31	5,782,844	06/21/1998	Yoon et al.
_____ 32	5,782,861	07/21/1998	Cragg et al.

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Date Considered:

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Serial No.: 10/616,832

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Filing Date: July 9, 2003

Group: 3731

For: CLOSURE DEVICE AND METHODS FOR MAKING AND USING THEM

_____ 33	5,810,846	09/22/1998	Virnich et al.
_____ 34	5,810,851	09/22/1998	Yoon
_____ 35	5,830,125	11/03/1998	Scribner et al.
_____ 36	5,879,366	03/09/1999	Shaw et al.
_____ 37	5,910,155	06/08/1999	Ratcliff et al.
_____ 38	5,984,934	11/16/1999	Ashby et al.
_____ 39	6,007,563	12/28/1999	Nash et al.
_____ 40	6,036,720	03/14/2000	Abrams et al.
_____ 41	6,077,281	06/20/2000	Das
_____ 42	6,077,291	06/20/2000	Das
_____ 43	6,080,182	06/27/2000	Shaw et al.
_____ 44	6,080,183	06/27/2000	Tsugita et al.
_____ 45	6,113,612	09/05/2000	Swansen et al.
_____ 46	6,152,937	11/28/2000	Peterson et al.
_____ 47	6,402,765	06/11/2002	Monassevitch et al.
_____ 48	6,582,452	06/24/2003	Coleman et al.
_____ 49	6,719,777	04/13/2004	Ginn et al.
_____ 50	6,926,731	08/09/2005	Coleman et al.

Examiner:

Date Considered:

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Applicant: Michael T. Carley et al.

Serial No.: 10/616,832

Att'y Docket No.: 16497.1.1.4

Filing Date: July 9, 2003

Group: 3731

For: CLOSURE DEVICE AND METHODS FOR MAKING AND USING THEM

_____ 51	2001/0047180	11/29/2001	Grudem et al.
_____ 52	2002/0082641	06/27/2002	Ginn et al.
_____ 53	2004/0010285	01/15/2004	Carley et al.
_____ 54	2004/0039414	02/26/2004	Carley et al.

Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>
_____ 55	WO 00/56223	09/28/2000	PCT
_____ 56	WO 00/56227	09/28/2000	PCT
_____ 57	WO 00/07640	02/17/2000	PCT
_____ 58	WO 98/24374	06/11/1998	PCT
_____ 59	WO 97/20505	06/12/1997	PCT
_____ 60	WO 01/91628	12/06/2001	PCT
_____ 61	FR 2722975	02/02/1996	France

Examiner:

Date Considered:

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Applicant: Michael T. Carley et al.

Serial No.: 10/616,832

Att'y Docket No.: 16497.1.1.4

Filing Date: July 9, 2003

Group: 3731

For: CLOSURE DEVICE AND METHODS FOR MAKING AND USING THEM

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

ML0000002770V001

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
